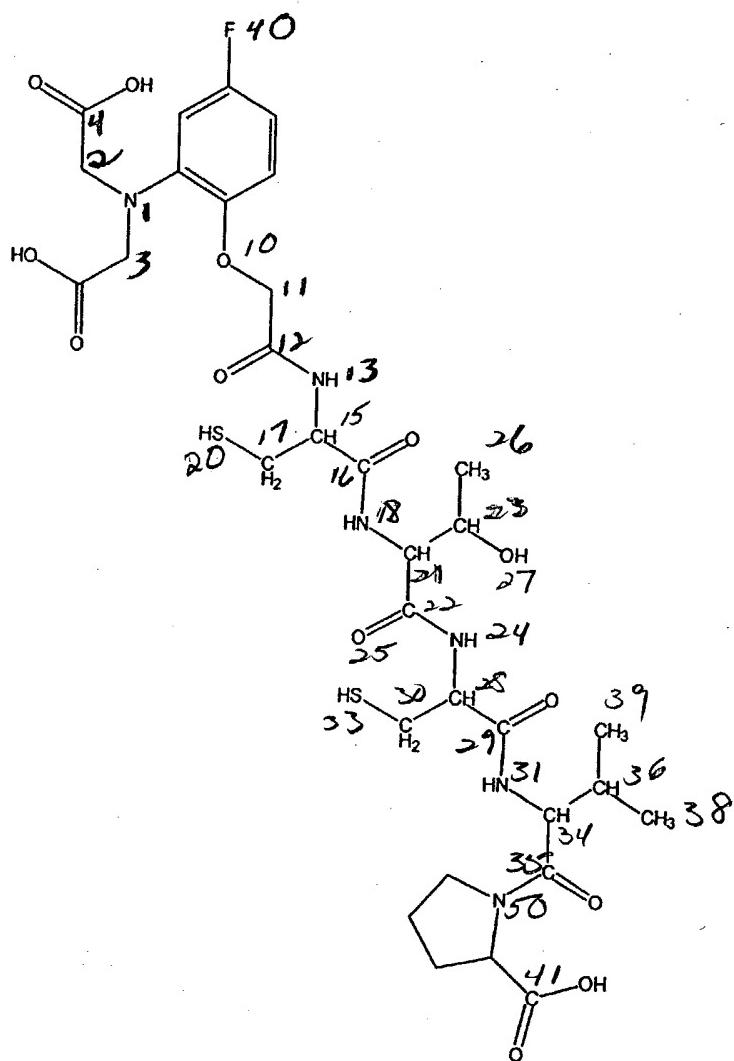


Alternatively, AFTA can be linked to the cysteine thiol via a disulfide exchange reaction. The structure of the preferred chelating peptide is shown in Structure 6 below.

Structure 6

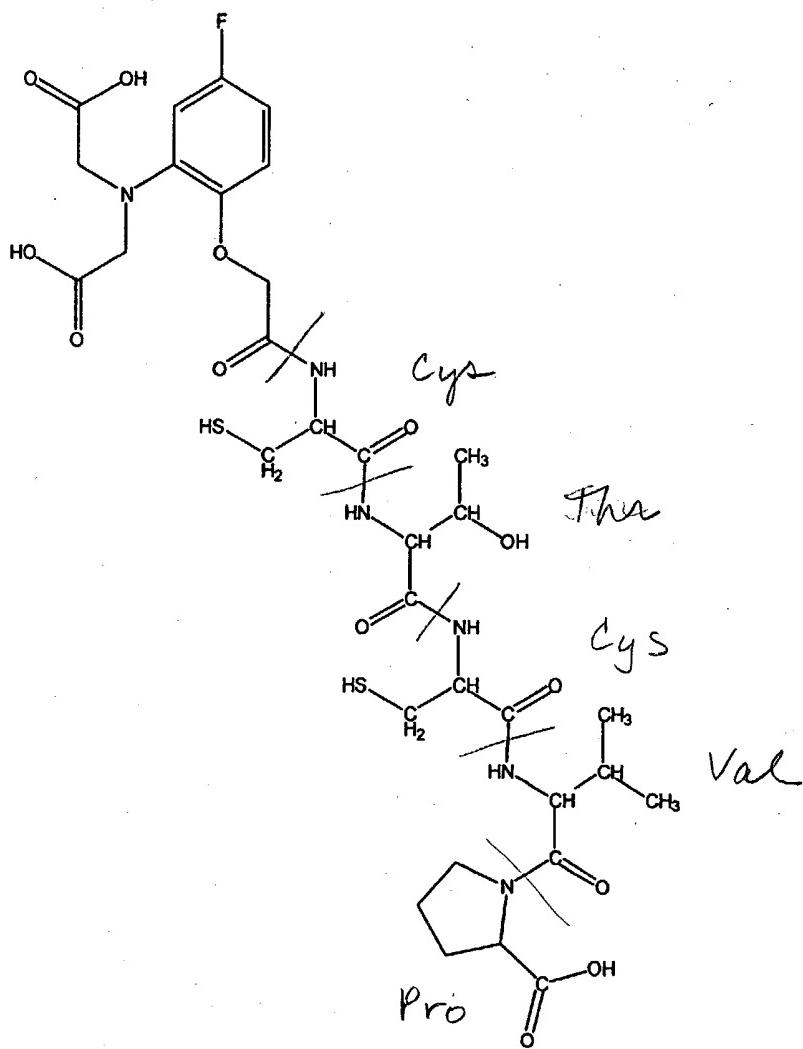


5

This chelating peptide possesses the ability to prevent the hydrolysis of the FRET substrate peptide in the standard assay. As seen in Figure 5,

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